

Claims

1. A laminated film for stretch wrapping comprises at least three layers, characterized in that the laminated film has both surface layers comprising, as a main component, component (A) which is an ethylene polymer, and has at least one intermediate layer formed of a mixed resin layer comprising, as a main component, a resin composition containing the following component (B) in an amount of 30 to 75 % by weight:

a polypropylene resin having controlled stereoregularity satisfying the following requirements (1) and (2):

(1) a meso pentad fraction [mmmm] as determined from a ^{13}C -NMR spectrum is 0.2 to 0.7, and

(2) a racemic pentad fraction [rrrr] and (1-mmmm) satisfy the following relation:

$$[\text{rrrr}/(1-\text{mmmm})] \leq 0.1;$$

the following component (C) in an amount of 20 to 60 % by weight:

a crystalline polypropylene resin having a crystal melting peak temperature of 120°C or higher; and

the following component (D) in an amount of 5 to 30 % by weight:

at least one resin selected from among petroleum resin, terpene resin, coumarone-indene resin, rosin resin, and hydrogenated derivatives thereof.

2. The laminated film for stretch wrapping as described in claim 1, wherein the ethylene polymer serving as component (A) is at least one ethylene polymer selected from among low-density polyethylene, linear low-density polyethylene, linear ultra-low-density polyethylene, ethylene-vinyl acetate copolymer, ethylene-acrylate ester copolymer, and ethylene-methacrylate ester copolymer.

3. The laminated film for stretch wrapping as described in claim 2, wherein the ethylene polymer serving as component (A) is an ethylene-vinyl acetate copolymer which has a vinyl acetate unit content of 5 to 25 % by weight and a melt flow rate (JIS K 7210, 190°C, under a load of 21.18 N) of 0.2 to 10 g/10 minutes.

4. The laminated film for stretch wrapping as described in any one of claims 1 to 3, wherein the crystalline polypropylene resin serving as component (C) is at least one crystalline polypropylene resin selected from among propylene-ethylene random copolymer, propylene-ethylene-butene-1 copolymer, and reactor-type polypropylene elastomer.

5. The laminated film for stretch wrapping as described in any one of claims 1 to 3, wherein the resin serving as component (D) is a petroleum resin having a softening point of 100 to 150°C and/or a hydrogenated derivative thereof, and the resin is incorporated in an amount of 10 to 20 % by

weight into the resin composition for forming the mixed resin layer.

6. The laminated film for stretch wrapping as described in any one of claims 1 to 3, which has a storage modulus (E') of 5.0×10^7 Pa to 5.0×10^8 Pa as determined through dynamic viscoelasticity measurement with the frequency of 10 Hz and at the temperature of 20°C, and which has a loss tangent ($\tan\delta$) within the range of 0.2 to 0.8.